

## GREY IRON

**CAPACITY**  
**5 TONNES**

### STANDARDS

N/mm <sup>2</sup> BS 1452:1990 BS 1452:1961	Tons/in <sup>2</sup> BS 1452:1961 (Superceded)	European Material Number EN:1561 1997	Typical Applications
100	6.5	EN-JL-1010	Non load applications Weights, drain pipes, decorative, ornamental architectural
150	9.7	EN-JL-1020	Non load applications End covers, hand wheels
200	12.9	EN-JL-1030	Gearcases, gearboxes, machine parts, bases, flywheels wheels, rolls
250	16.2	EN-JL-1040	Moving parts.. Machine tool, gears, pulleys, housings impellers, valve bodies, valves, power transmission, general engineering
300	19.4	EN-JL-1050	Gears, moving and wearing parts, housings
350	22.6	EN-JL-1060	Load and wear parts Gears, planet carriers, machine tool

### COMPARISONS

Imperial BS1452	Britain BS1452:1990	Austria M3191, Denmark DS 11 301, Germany Din 1691, Holland NEN6002-A, Switzerland VSM10691	Belgium, Luxembourg NBN830-01	Finland S.F.S.H 11.52	France N.F.32-101	USA ASTMA48	Meehanite Licensed trade name	Sweden MNC705	BS EN 1651:1997
	400	GG40	FGG40	GRS40	Ft40D	Class 60	GM 400	0140	EN-JL1060
Grade 23	350	GG35	FGG35	GRS35	Ft35D	Class 55	GA 350	0135	EN-JL1060
Grade 21	300	GG30	FGG30	GRS30	Ft30D	Class 50 or 45	GB 300	0130	EN-JL1050
Grade 17	250	GG25	FGG25	GRS25	Ft25D	Class 35	GC 275 GD 250	0125	EN-JL1040
Grade 14	220					Class 30	GE 225		
	200	GG20	FGG20	GRS20	Ft20D	Class 25	GE 200	0120	EN-JL1030
Grade 12	180								
Grade 10	150	GG15	FGG15	GRS15	Ft15D	Class 20	GF 150	0115	EN-JL1020